

## Kindergarten Mathematics Task Specific Rubric

	4	3	2	1
<b>Problem Solving and Reasoning</b>	<ul style="list-style-type: none"> <li>- Shows a thorough understanding of concepts and procedures associated with the pattern</li> <li>- Adapts and extends patterns</li> <li>- Uses correct reasoning and justification and achieves a correct or reasonable answer with a thorough and precise explanation or justification of patterns</li> </ul>	<ul style="list-style-type: none"> <li>- Shows an understanding of the problem and the mathematics of the pattern</li> <li>- Shows an understanding of concepts associated with the patterns</li> <li>- Uses correct reasoning and justification and achieves a correct or reasonable answer for the patterns(possibly with minor mistakes)</li> </ul>		<ul style="list-style-type: none"> <li>- Provides no solution</li> <li>- Shows limited or no understanding of concepts and procedures associated with the pattern</li> <li>- Provides no correct reasoning or justification</li> </ul>
<b>Representations and Connections</b>	<ul style="list-style-type: none"> <li>- Uses abstract or symbolic representation (A,B,B) to discuss patterns</li> <li>- Recognizes and uses mathematical connections to extend or generalize patterns</li> </ul>		<ul style="list-style-type: none"> <li>- Makes an attempt to use appropriate and accurate representation to record the extension and created pattern may be partial or inaccurate</li> </ul>	<ul style="list-style-type: none"> <li>- Makes no attempt to construct a pattern</li> <li>- Makes no identification of patterns</li> </ul>
<b>Communication</b>	<ul style="list-style-type: none"> <li>- Clearly communicates the process in the given pattern and is able to explain the core and extension of the given pattern</li> <li>- Clearly communicates the process and explains the difference between the given pattern and the created pattern</li> </ul>	<ul style="list-style-type: none"> <li>- Communicates process and thinking in the given pattern and is able to explain the core and extension of the given pattern</li> <li>- Communicates the process and explains the difference between the given pattern and the created pattern</li> </ul>		<ul style="list-style-type: none"> <li>- Shows little or no communication of the pattern</li> </ul>